

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 5489.P038X	Application Number: 09/811,365
Page 1 of 3	First Named Inventor: Wayne V. Sorin	
	Filing Date: March 16, 2001	



U.S. PATENT DOCUMENTS							
Exam. Initial*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Class	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (If known)				
BWS		4,971,417		Krinsky et al.	385 24X	11/20/1990	
BWS		6,058,226		Starodubov	385 12	5/2/2000	
BWS		5,007,705		Morey et al.	385 37X	4/16/1991	
BWS		6,181,840	B1	Huang et al.	385 10	1/30/2001	
BWS		4,068,191		Zemon et al.	385 1	1/10/1978	
BWS		4,832,437		Kim et al.	385 1	5/23/1989	
BWS		6,266,462	B1	Kim et al.	385 28	7/24/2001	
BWS		5,805,751		Kewitsch et al.	385 43	9/8/1998	
BWS		5,652,809		Aronson	385 7	7/29/1997	
BWS		6,289,699	B1	Kewitsch et al.	65 406	9/18/2001	
BWS		5,708,736		Steinblatt	385 28	1/13/1998	
BWS		5,550,940		Vengsarkar et al.	385 37	8/27/1996	
BWS		5,022,732		Engan et al.	385 28	6/11/1991	

FOREIGN PATENT DOCUMENTS									
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		Office*	Number*	Kind Code* (If known)					
BWS		TW	382662		National Science Council	385 42X	2/21/2000		
BWS		EP	0 143 583	A2	Shaw et al.	385 42X	6/5/1985		
BWS		EP	0 144 190	A2	Shaw et al.	385 42X	6/12/1985		
BWS		EP	0 221 560	A2	Aberson et al.	385 37X	5/13/1987		

Examiner Signature B. Healy	Date Considered 10/15/03
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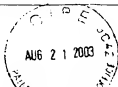
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		Number	Kind Code* (If known)			
<i>QWt</i>		4,781,425		Risk et al.	385 1X	11/1/1988
<i>QWt</i>		5,600,466		Tsushima et al.	398 43X	2/4/1997
<i>QWt</i>		5,864,414		Barnsley et al.	398 43X	1/26/1999
<i>QWt</i>		5,953,470		Tovohara	385 24	9/14/1999
<i>QWt</i>		5,991,476		Baney et al.	385 16	11/23/1999
<i>QWt</i>		6,104,856		Lampert	385 140	8/15/2000
<i>QWt</i>		6,292,290	B1	Wan et al.	359 334	9/18/2001
<i>QWt</i>		6,343,165	B1	Kim et al.	385 28	1/29/2001
<i>QWt</i>		6,510,261	B2	Sorin et al.	385 27	1/21/2006
<i>QWt</i>		5,537,238		Janniello et al.	398 49X	7/16/1996
<i>QWt</i>		5,600,473		Huber	385 10	2/4/1997
<i>QWt</i>		6,278,536	B1	Kai et al.	398 43X	8/21/2001

FOREIGN PATENT DOCUMENTS

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		Office*	Number*	Kind Code* (If known)				
<i>QWt</i>		DE	34 30 766	A1	Stocker, Helmut	385 123X	8/21/1984	
<i>QWt</i>		PCT	US 01/15730		International Search Report	385 123X	5/29/2002	

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OTHER ART - NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
Burt		SUGDEN et al., "Fabrication and Characterization of Bandpass Filters Based on Concatenated Chirped Fiber Gratings", Journal of Lightwave Technology, Vol. 15, No. 8, August 1997, pp. 1424-1432.	
Burt		XU et al., "Tunable fibre bandpass filter based on a linearly chirped fibre Bragg grating for wavelength demultiplexing", XP000637908, Electronics Letter, Vol. 32, No. 20, pp. 1918-1919, September 26, 1996.	
Burt		DIMMICK, "All-Fiber Acousto-Optic Tunable Bandpass Filter", Optical Society of America 2000, pp. 3 pgs. total.	
Burt		STARODUBOV et al., "All-Fiber Bandpass Filter with Adjustable Transmission Using Cladding-Mode Coupling", IEEE Photonics Technology Letters, Vol. 10, No. 11, November 1998, pp. 1590-1592.	
Burt		KIM et al., "Single-mode-fiber acousto-optic tunable notch filter with variable spectral profile", Optical Fiber Communication Conference, Optical Society of America Technical Digest Series, Vol. 6, pp. PD7-14 February 16-21, 1997	
Burt		VENGASARKAR et al., "Long-period fiber-grating-based gain equalizers", Optics Letters/Vol. 21, No. 5, March 1, 1996, pp. 336-338.	
Burt		TIAN et al., "Interchannel Interference in Multiwavelength Operation of Integrated Acousto-Optical Filters and Switches", Journal of Lightwave Technology, Vol. 13, No. 6, June 1995, pp. 1146-1154.	
Burt		HWANG et al., "All-fiber-optic nonreciprocal modulator", Optics Letters/Vol. 22, No. 8, April 15, 1997, pp. 507-509.	

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